

CRYSTAL STRUCTURE OF ACYL CARRIER PROTEIN SYNTHASE AND ACYL CARRIER PROTEIN SYNTHASE COMPLEX

Abstract of the Disclosure

This invention is directed to Acyl Carrier Protein Synthase (ACPS) crystals
5 and crystals of Acyl Carrier Protein Synthase - Coenzyme A (ACPS-CoA) complex,
and to the use of these crystals to determine the three dimensional structure of
ACPS. This invention is further directed to the use of rational drug design methods
to identify agents that may interact with active sites of ACPS and ACPS-CoA
complex, and to the testing of these agents to identify agents that may inhibit ACPS
10 and/or ACPS-CoA complex activity.